

LFP6100T SERIES -6060T

Demand / Delivery Pump



○ Performance data and curves

Data were tested at inlet pressure of 0PSI, ambient temperature and water temperature of 25°C, and voltage of 230V AC, 50/60Hz. The above is the test data of 3/8" pipe. If other pipe sizes are used, the test data will be different.

○ Temperature rise curve

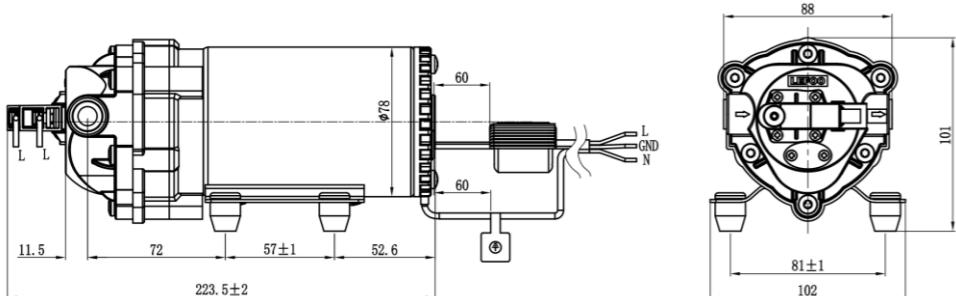
The temperature rise curve is measured by the ambient temperature of 25°C, the inlet pressure of 0PSI, and the working pressure of 70PSI. In order to ensure the safety of the motor, the housing temperature exceeds approximately 73°C, and the thermal protector is disconnected to cool the motor. The motor will be continuous working when the actual temperature rise of the motor is lower than the thermal protection disconnection temperature. All performance data and temperature curves are approximate, and actual conditions will vary with ambient conditions such as temperature.

○ Performance parameter

Discharge Pressure /PSI	Flow Rate /GPM	Flow Rate /LPM	Current /A
0	0.60	2.27	0.081
10	0.57	2.16	0.089
20	0.54	2.06	0.098
30	0.52	1.96	0.11
40	0.49	1.86	0.121
50	0.46	1.74	0.131
60	0.44	1.66	0.142
70	0.41	1.54	0.152

○ Shut-off pressure for selection

Selection	Rated voltage	Inlet Water Pressure	Working Flow Rate	Working Current	Suction	Shut-off Pressure	Maximum current	Connection
LFP6060T-30070						70PSI	≤0.21A	
LFP6060T-30060						60PSI	≤0.20A	3/8" side female quick connector NPT3/8 Screw thread
LFP6060T-30050	230V AC	0PSI	0.6GPM	≤0.14A	≥2M	50PSI	≤0.19A	
LFP6060T-30040						40PSI	≤0.18A	
LFP6060T-30030						30PSI	≤0.17A	



LFP6100T SERIES -6075T

Demand / Delivery Pump



○ Performance data and curves

Data were tested at inlet pressure of 0PSI, ambient temperature and water temperature of 25°C, and voltage of 230V AC, 50/60Hz. The above is the test data of 3/8" pipe. If other pipe sizes are used, the test data will be different.

○ Temperature rise curve

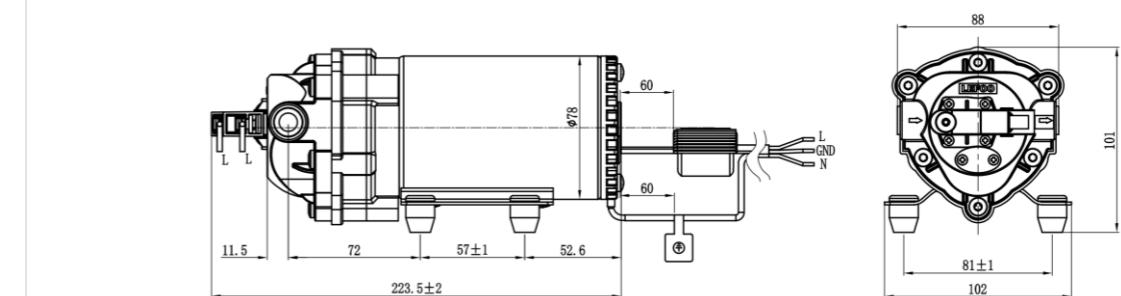
The temperature rise curve is measured by the ambient temperature of 25°C, the inlet pressure of 0PSI, and the working pressure of 70PSI. In order to ensure the safety of the motor, the housing temperature exceeds approximately 73°C, and the thermal protector is disconnected to cool the motor. The motor will be continuous working when the actual temperature rise of the motor is lower than the thermal protection disconnection temperature. All performance data and temperature curves are approximate, and actual conditions will vary with ambient conditions such as temperature.

○ Performance parameter

Discharge Pressure /PSI	Flow Rate /GPM	Flow Rate /LPM	Current /A
0	0.75	2.84	0.092
10	0.71	2.68	0.102
20	0.66	2.51	0.116
30	0.63	2.4	0.13
40	0.58	2.21	0.147
50	0.54	2.05	0.16
60	0.52	1.96	0.173
70	0.50	1.9	0.185

○ Shut-off pressure for selection

Selection	Rated voltage	Inlet Water Pressure	Working Flow Rate	Working Current	Suction	Shut-off Pressure	Maximum current	Connection
LFP6075T-30070						70PSI	≤0.25A	
LFP6075T-30060						60PSI	≤0.23A	3/8" side female quick connector NPT3/8 Screw thread
LFP6075T-30050	230V AC	0PSI	0.75GPM	≤0.15A	≥2M	50PSI	≤0.22A	
LFP6075T-30040						40PSI	≤0.20A	
LFP6075T-30030						30PSI	≤0.19A	



LFP6100T SERIES -6085T

Demand / Delivery Pump



○ Performance data and curves

Data were tested at inlet pressure of 0PSI, ambient temperature and water temperature of 25°C, and voltage of 230V, 50/60Hz. The above is the test data of 3/8" pipe. If other pipe sizes are used, the test data will be different.

○ Temperature rise curve

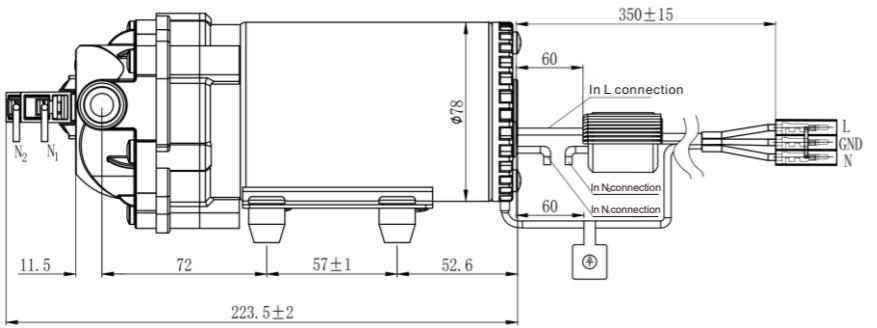
The temperature rise curve is measured by the ambient temperature of 25°C, the inlet pressure of 0PSI, and the working pressure of 70PSI. In order to ensure the safety of the motor, the housing temperature exceeds approximately 73 °C, and the thermal protector is disconnected to cool the motor. The motor will be continuous working when the actual temperature rise of the motor is lower than the thermal protection disconnection temperature. All performance data and temperature curves are approximate, and actual conditions will vary with ambient conditions such as temperature.

○ Performance parameter

Discharge Pressure /PSI	Flow Rate /GPM	Flow Rate /LPM	Current /A
0	0.85	3.22	0.12
10	0.83	3.14	0.131
20	0.79	2.99	0.149
30	0.73	2.76	0.169
40	0.68	2.59	0.186
50	0.64	2.41	0.207
60	0.60	2.26	0.221
70	0.56	2.12	0.238

○ Shut-off pressure for selection

Selection	Rated voltage	Inlet Water Pressure	Working Flow Rate	Working Current	Suction	Shut-off Pressure	Maximum current	Connection
LFP6085T-30070						70PSI	≤0.3A	
LFP6085T-30060						60PSI	≤0.28A	3/8" side female quick connector NPT3/8 Screw thread
LFP6085T-30050	230V AC	0PSI	0.85GPM	≤0.18A	≥2M	50PSI	≤0.27A	
LFP6085T-30040						40PSI	≤0.25A	
LFP6085T-30030						30PSI	≤0.23A	



LFP6100T SERIES -6100T

Demand / Delivery Pump



○ Performance data and curves

Data were tested at inlet pressure of 0PSI, ambient temperature and water temperature of 25°C, and voltage of 230V AC, 50/60Hz. The above is the test data of 3/8" pipe. If other pipe sizes are used, the test data will be different.

○ Temperature rise curve

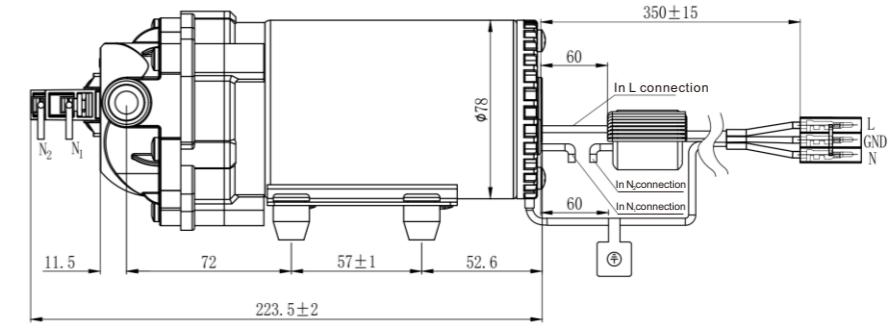
The temperature rise curve is measured by the ambient temperature of 25°C, the inlet pressure of 0PSI, and the working pressure of 70PSI. In order to ensure the safety of the motor, the housing temperature exceeds approximately 73 °C, and the thermal protector is disconnected to cool the motor. The motor will be continuous working when the actual temperature rise of the motor is lower than the thermal protection disconnection temperature. All performance data and temperature curves are approximate, and actual conditions will vary with ambient conditions such as temperature.

○ Performance parameter

Discharge Pressure /PSI	Flow Rate /GPM	Flow Rate /LPM	Current /A
0	1.0	3.79	0.139
10	0.97	3.69	0.145
20	0.93	3.53	0.162
30	0.90	3.41	0.180
40	0.84	3.18	0.205
50	0.79	2.99	0.222
60	0.74	2.8	0.237
70	0.70	2.64	0.255

○ Shut-off pressure for selection

Selection	Rated voltage	Inlet Water Pressure	Working Flow Rate	Working Current	Suction	Shut-off Pressure	Maximum current	Connection
LFP6100T-30070						70PSI	≤0.31A	
LFP6100T-30060						60PSI	≤0.3A	3/8" side female quick connector NPT3/8 Screw thread
LFP6100T-30050	230V AC	0PSI	1.0GPM	≤0.2A	≥2M	50PSI	≤0.28A	
LFP6100T-30040						40PSI	≤0.26A	
LFP6100T-30030						30PSI	≤0.24A	



LFP6150T SERIES

-6115T

Demand / Delivery Pump



Performance data and curves

Data were tested at inlet pressure of 0PSI, ambient temperature and water temperature of 25°C, and voltage of 230VAC,50/60Hz. The above is the test data of 3/8" pipe. If other pipe sizes are used, the test data will be different.

Temperature rise curve

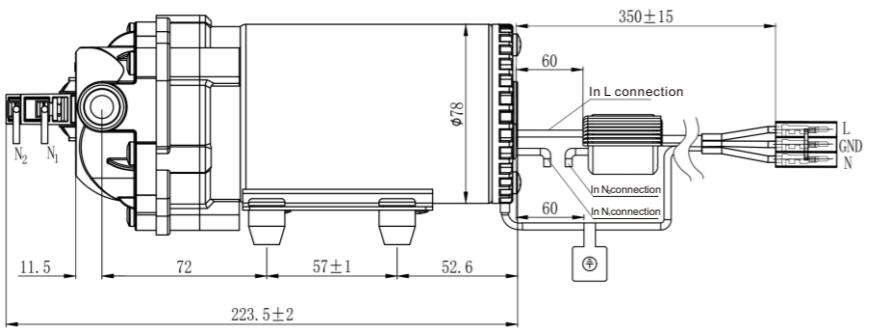
The temperature rise curve is measured by the ambient temperature of 25°C, the inlet pressure of 0PSI, and the working pressure of 70PSI. In order to ensure the safety of the motor, the housing temperature exceeds approximately 73°C, and the thermal protector is disconnected to cool the motor. The motor will be continuous working when the actual temperature rise of the motor is lower than the thermal protection disconnection temperature. All performance data and temperature curves are approximate, and actual conditions will vary with ambient conditions such as temperature.

Performance parameter

Discharge Pressure /PSI	Flow Rate /GPM	Flow Rate /LPM	Current /A
0	1.15	4.35	0.198
10	1.09	4.11	0.212
20	1.04	3.93	0.227
30	0.99	3.73	0.253
40	0.94	3.57	0.277
50	0.91	3.43	0.301
60	0.88	3.33	0.324
70	0.86	3.25	0.342

Shut-off pressure for selection

Selection	Rated voltage	Inlet Water Pressure	Working Flow Rate	Working Current	Suction	Shut-off Pressure	Maximum current	Connection
LFP6115T-30070						70PSI	$\leq 0.39A$	
LFP6115T-30060						60PSI	$\leq 0.37A$	3/8" side female quick connector NPT3/8 Screw thread
LFP6115T-30050	230V AC	0PSI	1.15GPM	$\leq 0.25A$	$\geq 2M$	50PSI	$\leq 0.35A$	
LFP6115T-30040						40PSI	$\leq 0.33A$	
LFP6115T-30030						30PSI	$\leq 0.30A$	



LFP6150T SERIES

-6125T

Demand / Delivery Pump



Performance data and curves

Data were tested at inlet pressure of 0PSI, ambient temperature and water temperature of 25°C, and voltage of 230VAC,50/60Hz. The above is the test data of 3/8" pipe. If other pipe sizes are used, the test data will be different.

Temperature rise curve

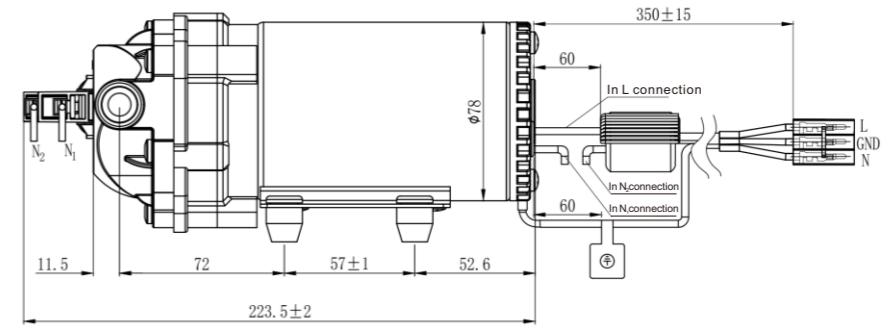
The temperature rise curve is measured by the ambient temperature of 25°C, the inlet pressure of 0PSI, and the working pressure of 70PSI. In order to ensure the safety of the motor, the housing temperature exceeds approximately 73°C, and the thermal protector is disconnected to cool the motor. The motor will be continuous working when the actual temperature rise of the motor is lower than the thermal protection disconnection temperature. All performance data and temperature curves are approximate, and actual conditions will vary with ambient conditions such as temperature.

Performance parameter

Discharge Pressure /PSI	Flow Rate /GPM	Flow Rate /LPM	Current /A
0	1.25	4.73	0.217
10	1.22	4.62	0.234
20	1.19	4.51	0.251
30	1.15	4.34	0.274
40	1.09	4.12	0.303
50	1.05	3.97	0.323
60	1	3.8	0.346
70	0.96	3.62	0.366

Shut-off pressure for selection

Selection	Rated voltage	Inlet Water Pressure	Working Flow Rate	Working Current	Suction	Shut-off Pressure	Maximum current	Connection
LFP6125T-30070						70PSI	$\leq 0.43A$	
LFP6125T-30060						60PSI	$\leq 0.41A$	3/8" side female quick connector NPT3/8 Screw thread
LFP6125T-30050	230V AC	0PSI	1.25GPM	$\leq 0.28A$	$\geq 2M$	50PSI	$\leq 0.38A$	
LFP6125T-30040						40PSI	$\leq 0.36A$	
LFP6125T-30030						30PSI	$\leq 0.33A$	



LFP6150T SERIES -6140T

Demand / Delivery Pump



○ Performance data and curves

Data were tested at inlet pressure of 0PSI, ambient temperature and water temperature of 25°C, and voltage of 230V AC, 50/60Hz. The above is the test data of 3/8" pipe. If other pipe sizes are used, the test data will be different.

○ Temperature rise curve

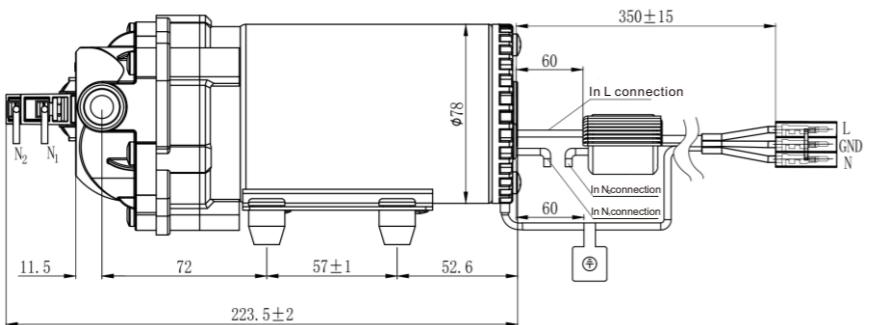
In order to ensure the safety of the motor, the housing temperature exceeds approximately 73°C, and the thermal protector is disconnected to cool the motor. Temperature rise curve 1 is measured by ambient temperature 25°C, inlet pressure 0PSI, and working pressure 70PSI. The actual operation of the motor under this condition is 100min/Left and right will be higher than the heat protector disconnect temperature, can not be continuous work. Temperature rise curve 2 is measured by ambient temperature 25°C, inlet pressure 0PSI, and working pressure 0PSI. The actual temperature of the motor under this condition is lower than the disconnecting temperature of the thermal protector, and can be enteredLine continuity work. All performance data and temperature curves are approximate, and actual conditions will vary with ambient conditions such as temperature.

○ Performance parameter

Discharge Pressure /PSI	Flow Rate /GPM	Flow Rate /LPM	Current /A
0	1.40	5.3	0.277
10	1.39	5.27	0.287
20	1.37	5.2	0.303
30	1.32	5.01	0.324
40	1.28	4.84	0.352
50	1.23	4.64	0.4
60	1.18	4.47	0.404
70	1.12	4.24	0.44

○ Shut-off pressure for selection

Selection	Rated voltage	Inlet Water Pressure	Working Flow Rate	Working Current	Suction	Shut-off Pressure	Maximum current	Connection
LFP6140T-30070						70PSI	$\leq 0.49A$	
LFP6140T-30060						60PSI	$\leq 0.45A$	3/8"side female quick connector
LFP6140T-30050	230V AC	0PSI	1.40GPM	$\leq 0.33A$	$\geq 2M$	50PSI	$\leq 0.43A$	NPT3/8 Screw thread
LFP6140T-30040						40PSI	$\leq 0.40A$	
LFP6140T-30030						30PSI	$\leq 0.37A$	



LFP6150T SERIES -6150T

Demand / Delivery Pump



○ Performance data and curves

Data were tested at inlet pressure of 0PSI, ambient temperature and water temperature of 25°C, and voltage of 230V AC, 50/60Hz. The above is the test data of 3/8" pipe. If other pipe sizes are used, the test data will be different.

○ Temperature rise curve

In order to ensure the safety of the motor, the housing temperature exceeds approximately 73°C, and the thermal protector is disconnected to cool the motor. Temperature rise curve 1 is measured by ambient temperature 25°C, inlet pressure 0PSI, and working pressure 70PSI. The actual operation of the motor under this condition is 100min/Left and right will be higher than the heat protector disconnect temperature, can not be continuous work. Temperature rise curve 2 is measured by ambient temperature 25°C, inlet pressure 0PSI, and working pressure 0PSI. The actual temperature of the motor under this condition is lower than the disconnecting temperature of the thermal protector, and can be enteredLine continuity work. All performance data and temperature curves are approximate, and actual conditions will vary with ambient conditions such as temperature.

○ Performance parameter

Discharge Pressure /PSI	Flow Rate /GPM	Flow Rate /LPM	Current /A
0	1.50	5.68	0.302
10	1.50	5.69	0.311
20	1.49	5.63	0.329
30	1.45	5.47	0.35
40	1.39	5.28	0.382
50	1.35	5.11	0.4
60	1.29	4.89	0.44
70	1.22	4.6	0.48

○ Shut-off pressure for selection

Selection	Rated voltage	Inlet Water Pressure	Working Flow Rate	Working Current	Suction	Shut-off Pressure	Maximum current	Connection
LFP6150T-30070						70PSI	$\leq 0.54A$	
LFP6150T-30060						60PSI	$\leq 0.5A$	3/8"side female quick connector
LFP6150T-30050	230V AC	0PSI	1.50GPM	$\leq 0.36A$	$\geq 2M$	50PSI	$\leq 0.47A$	NPT3/8 Screw thread
LFP6150T-30040						40PSI	$\leq 0.44A$	
LFP6150T-30030						30PSI	$\leq 0.41A$	

